



6/23/02

# STIC Search Report

EIC 3600

## STIC Database Tracking Number:

TO: Andrea Valenti  
Location: Knox 4D24  
Art Unit : 3643  
Thursday, April 28, 2005

Case Serial Number: 10/606156

From: Caryn Wesner-Early  
Location: EIC 3600  
Knox 4B71  
Phone: 272-3543

Caryn.Wesner-Early@uspto.gov

## Search Notes

Here's your Fast & Focused search. In addition to the results shown, I also did an Internet search.

Caryn S. Wesner-Early, MSLS  
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EIC 3600, US Patent & Trademark Office  
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# STIC EIC 3600 Search Request Form

Today's Date: 4/28/05 Class/Subclass 119/ What date would you like to use to limit the search? Priority Date: 6/25/02 Other: \_\_\_\_\_

Name <u>Andrea Valentini</u>	Format for Search Results (Circle One): <u>PAPER</u> DISK EMAIL
AU <u>3643</u> Examiner # <u>78503</u>	Where have you searched so far?
Room # <u>4B24 Kmc</u> Phone <u>X-26895</u>	USP DWPI EPO JPO ACM IBM TDB
Serial # <u>11/606,156</u>	IEEE INSPEC SPI Other <u>East + PLUS</u>

Is this a "Fast & Focused" Search Request? (Circle One) YES NO  
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Please see Fig. 1 + Claim 2 (filed as amendment)

elastomer ball free-floating inside  
rubber other ball squeaker  
in wall of inner ball

STIC Searcher \_\_\_\_\_ Phone \_\_\_\_\_  
Date picked up \_\_\_\_\_ Date Completed \_\_\_\_\_



? show files;ds  
File 10:AGRICOLA 70-2005/Mar  
(c) format only 2005 The Dialog Corporation  
File 203:AGRIS 1974-2005/Jan  
Dist by NAL, Intl Copr. All rights reserved  
File 241:Elec. Power DB 1972-1999Jan  
(c) 1999 Electric Power Research Inst.Inc  
File 103:Energy SciTec 1974-2005/Apr B1  
(c) 2005 Contains copyrighted material  
File 40:Enviroline(R) 1975-2005/Mar  
File 292:GEOBASE(TM) 1980-2005/Mar B1  
(c) 2005 Elsevier Science Ltd.  
File 65:Inside Conferences 1993-2005/Apr W4  
(c) 2005 BLDSC all rts. reserv.  
File 94:JICST-EPlus 1985-2005/Mar W2  
(c)2005 Japan Science and Tech Corp(JST)  
File 144:Pascal 1973-2005/Apr W3  
(c) 2005 INIST/CNRS  
File 248:PIRA 1975-2005/Apr W2  
(c) 2005 Pira International  
File 323:RAPRA Rubber & Plastics 1972-2005/Mar  
(c) 2005 RAPRA Technology Ltd  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Apr W3  
(c) 2005 Inst for Sci Info  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 143:Biol. & Agric. Index 1983-2005/Mar  
(c) 2005 The HW Wilson Co  
File 185:Zoological Record Online(R) 1978-2005/Apr  
(c) 2005 BIOSIS  
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar  
(c) 2005 The HW Wilson Co.  
File 347:JAPIO Nov 1976-2004/Dec(Updated 050405)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200527  
(c) 2005 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	1442243	BALL? ? OR SPHERE? ? OR SPHERICAL OR SPHEROID?? OR ORB? ? - OR GLOBUL?? OR GLOBE? ? OR ROTUND OR ORBICULAR OR ROUND?? OR - SPHERY OR SPHERULAR OR GLOBOSE OR GLOBOID? ? OR BULB? ?
S2	270608	S1(2N)(INSIDE OR WITHIN OR INTERIOR OR IN OR CONTAINED OR - INNER OR ENCLOSED OR INTERSTITIAL OR INTERJACENT OR INTERNAL - OR NEST??? OR CONCENTRIC OR HOMOCENTRIC OR (CON OR HOMO)()CEN- TRIC OR CONTAINED OR ENCLOSED OR ENCAPSULATED OR CENTER? ? OR CENTRE? ? OR
S3	4167	SQUEAK? OR SQUEEK? OR SCREAM??? OR SCREECH??? OR SQUEAL???
S4	8897138	OUTER OR OUTSIDE OR OUT()SIDE? ? OR EXTERNAL OR COVER??? OR CASE OR CASING OR SHELL OR ENCLOSING OR SURROUNDING OR EXTER- IOR
S5	268031	(AIR OR AERAT??? OR VENTILAT?) (2N) (OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR EXHAUST OR WAY OR PASSAGE? ?) OR AIRHOLE? ?
S6	3143740	RESILIENT?? OR FLEXIB? OR FLEX??? OR SQUEEZ? OR CHEW? OR BE- ND??? OR BENDABLE OR DEFORMA? OR SUPPLE OR PLIAB? OR PLIANT OR MALLEAB? OR ELASTIC OR CONFORMABLE OR FLEXION OR FLEXURE OR - FLECTION OR FLECTURE OR FLEXILE

S7	18	S2(3N)S3
S8	48019	S1(2N)S4
S9	36	S5(3N)S8
S10	29456	S1(5N)S6
S11	0	S7(10N)S9(10N)S10
S12	0	S7 AND S9 AND S10
S13	18	S2(5N)S3
S14	18	S2(10N)S3
S15	46	S5(5N)S8
S16	0	S10 AND S14 AND S15
S17	0	S1(10N)S3(10N)S5(10N)S6
S18	12	S14 FROM 347,350,371
S19	12	IDPAT (sorted in duplicate/non-duplicate order)
S20	12	IDPAT (primary/non-duplicate records only)
S21	6	S14 NOT S18
S22	5	S21 NOT PY>2002
S23	5	S22 NOT PD=20020626:20050531
S24	3	RD (unique items)
<u>S25</u>	<u>15</u>	<u>S20 OR S24</u>

25/3,K/9 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

016908224 \*\*Image available\*\*  
WPI Acc No: 2005-232512/200524  
XRPX Acc No: N05-191539

**Squeaking dog tug toy for enjoyment and exercise of dogs and other pets,  
has at least one squeaker device that is arranged in hollow interior  
cavity of tennis ball**

Patent Assignee: LUBECK A (LUBE-I)

Inventor: LUBECK A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050066911	A1	20050331	US 2003507198	P	20030929	200524 B

US 2003507199 P 20030929

US 2004955848 A 20040929

Priority Applications (No Type Date): US 2004955848 A 20040929; US

2003507198 P 20030929; US 2003507199 P 20030929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050066911	A1	21	A01K-029/00	Provisional application US 2003507198	
				Provisional application US 2003507199	

Abstract (Basic):

... during play times. Provides high resistance to damage from  
biting by dogs. Provides attraction of **squeaking** in addition to  
entertainment of tugging...

...The figure is a perspective view of the **squeaking** dog tug toy with a  
**ball in section...**

... **Squeaker** device (40

25/3,K/11 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2005 Thomson Derwent. All rts. reserv.

012019162 \*\*Image available\*\*  
WPI Acc No: 1998-436072/199837  
Related WPI Acc No: 1996-258647; 1997-501902  
XRPX Acc No: N98-339748

**1Toy device for pets - has synthesizer which is affixed to bottom of upper  
surface, produces mouse related squeaks and manually operated ON- OFF  
switch conserves power source connected to synthesizer**

Patent Assignee: UDELLE L L (UDEL-I); UDELLE S D (UDEL-I)

Inventor: UDELLE L L; UDELLE S D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5785005	A	19980728	US 95475936	A	19950607	199837 B

US 96618899 A 19960320

US 97859117 A 19970520

Priority Applications (No Type Date): US 97859117 A 19970520; US 95475936 A

19950607; US 96618899 A 19960320

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
US 5785005	A		7	A01K-029/00	CIP of application US 95475936
					CIP of application US 96618899
					CIP of patent US 5517948
					CIP of patent US 5673651

...Abstract (Basic): the housing. The bottom of the track inclines outwardly at predetermined angle, thereby accommodating a **ball** (50) within it...

...member for a claw scratching material (56). A miniaturized sound synthesiser (58) producing mouse related **squeaks** is affixed to the bottom of the upper surface. A manually operated ON-OFF switch...

25/AA,AN,AZ,TI/1 (Item 1 from file: 144)  
DIALOG(R)File 144:(c) 2005 INIST/CNRS. All rts. reserv.

11528424 PASCAL No.: 94-0371924  
Motions of an unstable retainer in an instrument ball bearing

25/AA,AN,AZ,TI/2 (Item 1 from file: 34)  
DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

10232253  
Title: Mismatched wear couple zirconium oxide and aluminum oxide in total  
hip arthroplasty

25/AA,AN,AZ,TI/3 (Item 2 from file: 34)  
DIALOG(R)File 34:(c) 2005 Inst for Sci Info. All rts. reserv.

08437327  
Title: Diagnosis and treatment of tracheal obstruction in a cockatiel  
(Nymphicus hollandicus)

25/AA,AN,AZ,TI/4 (Item 1 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

06409131  
METAL FITTING PREVENTING QUAKE OF BUILDING AT EARTHQUAKE  
APPL. NO.: 10-196430 [JP 98196430]

25/AA,AN,AZ,TI/5 (Item 2 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

05980377  
VIBRATION-TYPE DRIVE DEVICE AND DEVICE WITH VIBRATION-TYPE DRIVE DEVICE AS  
DRIVE SOURCE  
APPL. NO.: 09-068193 [JP 9768193]

25/AA,AN,AZ,TI/6 (Item 3 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

02984405  
PNEUMATIC TYRE  
APPL. NO.: 63-111410 [JP 88111410]

25/AA,AN,AZ,TI/7 (Item 4 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

01547386  
SHIFTER FOR SHIP PROPULSION UNIT  
APPL. NO.: 58-130795 [JP 83130795]

25/AA,AN,AZ,TI/8 (Item 5 from file: 347)  
DIALOG(R)File 347:(c) 2005 JPO & JAPIO. All rts. reserv.

01256544  
FRICTION SQUEAL PREVENTING DEVICE OF BLOCK BRAKE

APPL. NO.: 57-076034 [JP 8276034]

25/AA,AN,AZ,TI/9 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

016908224  
WPI Acc No: 2005-232512/  
Squeaking dog tug toy for enjoyment and exercise of dogs and other pets,  
has at least one squeaker device that is arranged in hollow interior  
cavity of tennis ball  
Local Applications (No Type Date): US 2003507198 P 20030929; US 2003507199  
P 20030929; US 2004955848 A 20040929  
Priority Applications (No Type Date): US 2004955848 A 20040929; US  
2003507198 P 20030929; US 2003507199 P 20030929

25/AA,AN,AZ,TI/10 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

013789623  
WPI Acc No: 2001-273834/  
Piston cylinder unit of disc brake actuator which suppresses annoying  
brake squeal, includes rubber damper in gap between stem and cylinder  
body  
Local Applications (No Type Date): WO 2000EP9709 A 20001004; AU 200076619 A  
20001004; EP 2000966111 A 20001004; WO 2000EP9709 A 20001004; WO  
2000EP9709 A 20001004; JP 2001529597 A 20001004; EP 2000966111 A 20001004  
; WO 2000EP9709 A 20001004  
Priority Applications (No Type Date): EP 99830633 A 19991008

25/AA,AN,AZ,TI/11 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

012019162  
WPI Acc No: 1998-436072/  
Toy device for pets - has synthesizer which is affixed to bottom of upper  
surface, produces mouse related squeaks and manually operated ON- OFF  
switch conserves power source connected to synthesizer  
Local Applications (No Type Date): US 95475936 A 19950607; US 96618899 A  
19960320; US 97859117 A 19970520  
Priority Applications (No Type Date): US 97859117 A 19970520; US 95475936 A  
19950607; US 96618899 A 19960320

25/AA,AN,AZ,TI/12 (Item 4 from file: 350)  
DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

010247186



WPI Acc No: 1995-148441/

**Non-spherical acetabular cup for total hip replacement - comprises articulating surface which is defined by revolution of arc intersecting cup equatorial plane and its polar axis**

Local Applications (No Type Date): EP 94202901 A 19941007; CA 2133718 A 19941005; EP 94202901 A 19941007

Priority Applications (No Type Date): US 93137641 A 19931018

**25/AA,AN,AZ,TI/13 (Item 5 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

003547820

WPI Acc No: 1982-95816E/

**Magnetic recording medium - magnetic lacquer comprises cobalt-contg. iron oxide powder, higher satd. aliphatic acid and polyalkylene sorbitan alkylate**

Priority Applications (No Type Date): JP 8141479 A 19810320

**25/AA,AN,AZ,TI/14 (Item 6 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

003432627

WPI Acc No: 1982-00603E/

**Magnetic recording medium of low dynamic friction coefft. - includes magnetic lacquer obtd. by mixing binder and magnetic powder coated with glyceride and phosphoric ester**

Priority Applications (No Type Date): JP 8055890 A 19800425

**25/AA,AN,AZ,TI/15 (Item 7 from file: 350)**

DIALOG(R)File 350:(c) 2005 Thomson Derwent. All rts. reserv.

001883693

WPI Acc No: 1978-B2926A/

**Visual non-mechanical lure for dog racing - has series of spaced apart groups of exposed light bulbs mounted around race track**

Priority Applications (No Type Date): US 76679978 A 19760426

? show files;ds  
File 15:ABI/Inform(R) 1971-2005/Apr 28  
(c) 2005 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2005/Apr 27  
(c) 2005 The Gale Group  
File 990:NewsRoom Current Nov 1 -2005/Apr 27  
(c) 2005 The Dialog Corporation  
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Apr 28  
(c) 2005 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2005/Apr 28  
(c) 2005 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2005/Apr 28  
(c)2005 The Gale Group  
File 98:General Sci Abs/Full-Text 1984-2004/Dec  
(c) 2005 The HW Wilson Co.  
File 369:New Scientist 1994-2005/Mar W4  
(c) 2005 Reed Business Information Ltd.  
File 483:Newspaper Abs Daily 1986-2005/Apr 27  
(c) 2005 ProQuest Info&Learning  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 95:TEME-Technology & Management 1989-2005/Mar W3  
(c) 2005 FIZ TECHNIK  
File 47:Gale Group Magazine DB(TM) 1959-2005/Apr 28  
(c) 2005 The Gale group  
File 482:Newsweek 2000-2005/Apr 27  
(c) 2005 Newsweek, Inc.  
File 484:Periodical Abs Plustext 1986-2005/Apr W4  
(c) 2005 ProQuest  
File 141:Readers Guide 1983-2005/Dec  
(c) 2005 The HW Wilson Co  
File 646:Consumer Reports 1982-2005/Apr  
(c) 2005 Consumer Union

Set	Items	Description
S1	2660314	BALL? ? OR SPHERE? ? OR SPHERICAL OR SPHEROID?? OR ORB? ? - OR GLOBUL?? OR GLOBE? ? OR ROTUND OR ORBICULAR OR ROUND?? OR - SPHERY OR SPHERULAR OR GLOBOSE OR GLOBOID? ? OR BULB? ?
S2	560804	S1(2N) (INSIDE OR WITHIN OR INTERIOR OR IN OR CONTAINED OR - INNER OR ENCLOSED OR INTERSTITIAL OR INTERJACENT OR INTERNAL - OR NEST??? OR CONCENTRIC OR HOMOCENTRIC OR (CON OR HOMO)()CEN- TRIC OR CONTAINED OR ENCLOSED OR ENCAPSULATED OR CENTER? ? OR CENTRE? ? OR
S3	56972	SQUEAK? OR SQUEEK? OR SCREAM??? OR SCREECH??? OR SQUEAL???
S4	9052322	OUTER OR OUTSIDE OR OUT()SIDE? ? OR EXTERNAL OR COVER??? OR CASE OR CASING OR SHELL OR ENCLOSING OR SURROUNDING OR EXTER- IOR
S5	37308	(AIR OR AERAT??? OR VENTILAT?) (2N) (OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE? ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR EXHAUST OR WAY OR PASSAGE? ?) OR AIRHOLE? ?
S6	2380528	RESILIEN?? OR FLEXIB? OR FLEX??? OR SQUEEZ? OR CHEW? OR BE- ND??? OR BENDABLE OR DEFORMA? OR SUPPLE OR PLIAB? OR PLIANT OR MALLEAB? OR ELASTIC OR CONFORMABLE OR FLEXION OR FLEXURE OR - FLECTION OR FLECTURE OR FLEXILE
S7	3170	S2(3N)S3
S8	22126	S1(2N)S4
S9	2	S5(3N)S8
S10	10532	S1(5N)S6
S11	0	S7(10N)S9(10N)S10

S12	4	S7(S)S8(S)S10
S13	3170	S2(5N)S3
S14	29748	S1(3N)S4
S15	17679	S1(10N)S6
S16	5	S13(S)S14(S)S15
S17	15	S5 AND S14 AND S15
S18	10	S17 NOT PY>2002
S19	10	S18 NOT PD=20021021:20050531
S20	8	RD (unique items)

20/3,K/3 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

13399074 SUPPLIER NUMBER: 71563429 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
COMPANY.

Implement & Tractor, 4

Annual, 2001

ISSN: 0019-2953 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 84924 LINE COUNT: 08479

... GPS; grain loss, shaft, tailings acre, air seeder & bin monitors  
Misc: bin level indicators, sensors

**AIR - WAY MANUFACTURING COMPANY**

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Ph: 616-749-2161

Fax: 616...Aftermarket & OEM

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Brands Dist/Imp/Exp: Centri

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Ph: 011-31...products & financial services.

President: Steve Lamb

VP Sales: Jim Irwin Business: OEM Manufacturer

Brands Mfg: Case, Case IH

Aftermarket: air filter, batteries, bearings, blades & knives -  
flail cutter, blades - disc & tractor mounted, bolts...Brands Exp:

Continental Hydraulics

Aftermarket: hydraulic pumps

OEM: hydraulic components

Misc: hydraulic valves

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Ph: 880-543-1732

Fax...Richard Roberts

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Outdoor: aerators, augers

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President: Mark Rausehert

Marketing Manager: Mark Furniss

Business: OEM Manufacturer

Aftermarket: bearings...

20/AA,AN,TI/1 (Item 1 from file: 15)  
DIALOG(R)File 15:(c) 2005 ProQuest Info&Learning. All rts. reserv.

00889956 95-39348  
**Nonthreaded fasteners**

20/AA,AN,TI/2 (Item 1 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

14655812 SUPPLIER NUMBER: 86052774  
**Electrical supplies. (Product Knowledge Handbook 2002).**

20/AA,AN,TI/3 (Item 2 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

13399074 SUPPLIER NUMBER: 71563429  
**COMPANY.**

20/AA,AN,TI/4 (Item 3 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

08124425 SUPPLIER NUMBER: 17389671  
**Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)**

20/AA,AN,TI/5 (Item 4 from file: 148)  
DIALOG(R)File 148:(c)2005 The Gale Group. All rts. reserv.

05768824 SUPPLIER NUMBER: 11866575  
**Materials handbook. (Refractories/Traditional/Advanced Ceramics)**

20/AA,AN,TI/6 (Item 1 from file: 98)  
DIALOG(R)File 98:(c) 2005 The HW Wilson Co. All rts. reserv.

04501759 H.W. WILSON RECORD NUMBER: BGSA01001759  
**Evolutionary origin of feathers.**  
AUGMENTED TITLE: symposium

20/AA,AN,TI/7 (Item 1 from file: 95)  
DIALOG(R)File 95:(c) 2005 FIZ TECHNIK. All rts. reserv.

W96096630400  
**Titel koreanisch**  
(Eine gemeinsame Analyse von fluider Stroemung, Waermeuebertragung und Verformungsverhalten der erstarrenden Schale beim Stranggiessen von Rundkneuppeln)  
(A coupled analysis of fluid flow, heat transfer and **deformation** behavior of solidifying **shell** in continuously cast **round** billet)

20/AA,AN,TI/8 (Item 1 from file: 141)  
DIALOG(R)File 141:(c) 2005 The HW Wilson Co. All rts. reserv.

H.W. WILSON RECORD NUMBER: BRGA97036876  
**Industry resources 1997/1998.**  
AUGMENTED TITLE: special issue